

Please Put
in file

IL-021-14 501
D.S.
1/14/82



STATE OF ILLINOIS)
COUNTY OF COOK) SS

SUBVY DEMANDER

IN THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS
COUNTY DEPARTMENT---CHANCERY DIVISION

DANIEL RYBACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and RONALD J. PATTERSON,

Plaintiffs,

vs.

UNION OIL COMPANY OF CALIFORNIA,
a California corporation,
Defendant.

NO. 88CH 5772

C O M P L A I N T

Plaintiffs, DANIEL RYBACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and RONALD J. PATTERSON, complain of defendant, UNION OIL COMPANY OF CALIFORNIA, a California corporation, allege as follows:

COUNT I

1. At all times herein mentioned, Plaintiffs were the contract purchasers of the real estate, and are presently in possession of the real estate, described as follows:

lots 1 through 35 in Big Run Acres Unit One, a Subdivision of part of the North half of the Southwest Fractional Quarter of Section 31, Township 37 North, Range 11 East of the Third Principal Meridian, in Cook County, Illinois, and the North half of the Southwest Fractional Quarter of Section 31 (except lots 1 through 35 in Big Run Acres Unit One), Township 37 North, Range 11 East of the Third Principal Meridian, in Cook County, Illinois;

hereinafter referred to as the "~~Real Estate~~."

2. The above described Real Estate is zoned for residential use and a portion thereof has been subdivided into thirty-five (35) buildable lots.

3. At all times herein mentioned, Plaintiffs, DANIEL RYBACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and RONALD J.

RECEIVED

JUL 14 1982

E.P.A. - L

PATTERSON, have been and are engaged in the business of developing and selling lots which have been subdivided from the Real Estate. Furthermore, Plaintiffs have commenced construction on two residence buildings upon the Real Estate, and do own a third residence also located upon such Real Estate. The aforesaid lots and residences have at all times relevant hereto been held for the purpose of sale to the general public.

4. At all times herein mentioned, Defendant, UNION OIL COMPANY OF CALIFORNIA, hereinafter referred to as UNION OIL, was and now is, a corporation duly organized and existing under the laws of the State of California and authorized to do business in the State of Illinois.

5. At all times herein mentioned, Defendant, UNION OIL, was, and now is, the owner or lessee, in possession, occupation and control of certain real estate adjoining the Real Estate of Plaintiffs, to-wit:

The North half of the Southeast Fractional Quarter of Section 36, Township 37 North, Range 10, East of the Third Principal Meridian, in Will County, Illinois;

hereinafter referred to as "Union Oil Property," such Union Oil Property being zoned for agricultural use.

6. On or about August 1, 1980, Defendant, UNION OIL, commenced open dumping of semi-trailer truck loads of toxic industrial waste sludge, such sludge being composed of petroleum by-products including cyanide, oil, chromium and zinc, onto the agriculturally zoned Union Oil Property owned or leased by Defendant.

7. As a result of the aforesaid dumping operation by Defendant on the Union Oil Property, toxic fumes, foul odors and noxious vapors have been, and are being, discharged into the atmosphere and carried by prevailing air currents toward, upon and into the Real Estate and buildings of Plaintiffs, thereby endangering the health and life and offending the senses of Plaintiffs and their potential lot and/or residence purchasers,

RECEIVED

JUL 14 1982

E.P.A. - U.S.

damaging said Real Estate and buildings and preventing the comfortable and reasonable use and enjoyment thereof.

8. On or about August 7, 1980, Plaintiffs, RONALD J. PATTERSON and ROBERT E. RAMSDORF, personally met with and notified Defendant, UNION OIL, by its agent, HENRY HAAS, Supervisor of Environmental Services, Union Oil of California, Union 76 Division, Eastern Region, of the above-described nuisance, and requested him, as agent for UNION OIL, to discontinue such dumping operations or to take such steps as might be necessary to obviate the detrimental effects thereof, but Defendant, UNION OIL, by its agent, HENRY HAAS, wholly failed and refused, and still fails and refuses, to do so.

9. By reason of the aforementioned air pollution, the comfort and health of Plaintiffs and their Real Estate and buildings have been, and are, greatly impaired and damaged; the value of said Real Estate has been diminished to a large extent, to-wit: approximately ONE MILLION DOLLARS, and they have been totally prevented from selling the subdivided lots and houses built on the Real Estate and are, therefore, deprived of large profits therefrom, to-wit: approximately FIVE HUNDRED THOUSAND DOLLARS, which they would otherwise have made thereby; all to the damage of Plaintiffs in the sum of ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000.00).

10. Unless restrained and enjoined by this Court, Defendant threatens to, and will continue to operate said dumping operation, to the great and irreparable damage of Plaintiffs, for which they have no adequate remedy at law.

WHEREFORE, Plaintiffs, DANIEL RYKACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and RONALD J. PATTERSON, respectfully ask this Honorable Court for the following relief:

A. THAT a temporary injunction may be issued herein forthwith restraining Defendant, its officers, agents and employees,

RECEIVED

JUL 14 1982

E.
STALLER INCL

and all persons acting or claiming by, for, through or under it from continuing said dumping operation pending the final determination of this cause.

B. THAT, upon the hearing of this cause, an injunction may be issued herein, permanently abating and enjoining the dumping operation.

C. THAT Plaintiffs be awarded judgment herein against Defendant for the sum of ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000.00).

D. For Plaintiffs' costs of suit.

E. For such other and further relief as the Court deems equitable and proper.

COUNT II

1.-6. Plaintiffs reallege and reaffirm Paragraphs 1 through, and including, 6 of Count I of this Complaint as and for Paragraphs 1 through 6 of Count II of this Complaint.

7. Defendant's Union Oil Property is located contiguous to and westerly of Plaintiffs' Real Estate and topographically upstream of Plaintiffs' Real Estate, such that storm and drainage waters flow from Union Oil Property to the Real Estate.

8. At all times herein mentioned, there existed a drainage pipe, approximately twenty-four (24) inches in diameter, which pipe connects Plaintiffs' Real Estate with the Union Oil Property, such pipe being located under Smith Road, which Road lies one-half in Cook County and one-half in Will County.

9. On or about August 7, 1980, Plaintiffs, RONALD J. PATTERSON and ROBERT E. RAMSDORF, personally notified Defendant, UNION OIL OF CALIFORNIA, by its agent, HENRY HAAS, Supervisor of Environmental Services, Union Oil of California, Union 76 Division, Eastern Region, of the above-described drainage pipe. Furthermore,

Plaintiffs, RONALD J. PATTERSON and ROBERT E. RAMSDORF, personally informed Defendant, UNION OIL, of the imminent drainage of said toxic industrial waste sludge from Union Oil Property to said drainage pipe onto Plaintiffs' Real Estate and into water bodies located upon Plaintiffs' Real Estate.

10. On or about August 9, 1980, without Plaintiffs' knowledge or consent, Defendant knowingly, unlawfully and wrongfully caused, and still causes, toxic industrial waste sludge to flow from Union Oil Property into such drainage pipe, and across and over onto Plaintiffs' Real Estate and into two (2) separate water bodies located thereon, as well as water courses, streams and waters flowing therefrom.

11. By reason of the entry of such toxic industrial waste sludge onto Plaintiffs' Real Estate, grass, foliage, soils and natural plant life there growing, have been damaged, spoiled and destroyed.

12. By reason of the entry of such industrial waste sludge onto Plaintiffs' Real Estate, a water silting basin, a half-acre lake and water courses located thereon, have been polluted, contaminated, clogged with oily slime, rendered unsightly and totally useless to Plaintiffs.

13. Prior to the entry of Defendant's toxic industrial waste sludge, all of Plaintiffs' aforesaid Real Estate, including said waterbodies, were commercially saleable lots, but, by reason of the entry of such toxic industrial waste sludge onto Plaintiffs' lands and waterways located thereon, said Real Estate cannot be commercially sold, nor can the completed residence and two residences under construction located thereon be sold.

14. By reason of the premises, Plaintiffs have been prevented from engaging in their usual business of selling buildable lots subdivided from their Real Estate, and furthermore, Plaintiffs have been prevented from engaging in their usual busi-

ness of selling homes and lots already located on said Real Estate, having a value of more than ONE MILLION FOUR HUNDRED THOUSAND DOLLARS, and it will cost Plaintiffs ONE HUNDRED THOUSAND DOLLARS to restore said real estate and water bodies located thereon to their former lush condition, all to Plaintiffs' damage in the sum of ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000.00).

WHEREFORE, Plaintiffs, DANIEL RYKACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF, and RONALD J. PATTERSON, respectfully ask this Honorable Court for the following relief:

A. THAT a temporary injunction may be issued herein forthwith restraining Defendant, its officers, agents and employees, and all persons acting or claiming by, for, through or under it from continuing to cause and/or allow toxic industrial waste sludge to flow from Union Oil Property over onto Plaintiffs' Real Estate and into two separate waterbodies located thereon, as well as water courses, streams and waters flowing therefrom.

B. THAT, upon the hearing of this cause, an injunction may be issued herein, permanently abating and enjoining the flow of sludge from Union Oil Property over onto Plaintiffs' Real Estate.

C. THAT Plaintiffs be awarded judgment herein against Defendant for the sum of ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000.00).

D. For Plaintiffs' costs of suit.

E. For such other and further relief as the Court deems equitable and proper.

COUNT III

1.-9. Plaintiffs reallege and reaffirm Paragraphs 1 through, and including, 9 of Count II of this Complaint as and for Paragraphs 1 through 9 of Count III of this Complaint.

10. On or about August 9, 1980, without Plaintiffs' knowledge or consent, Defendant with full knowledge of its actions, wilfully and wantonly and in wanton disregard of the rights of the Plaintiffs, did cause and still causes, toxic industrial waste sludge to flow from Union Oil Property into such drainage pipe, and across and over onto Plaintiffs' Real Estate and into two (2) separate water bodies located thereon, as well as water courses, streams and waters flowing therefrom.

11. The Defendant, UNION OIL, could reasonably foresee that the Plaintiffs would suffer financial damage by the flow of such toxic industrial waste sludge from the Union Oil Property over onto Plaintiffs' Real Estate.

12. The Plaintiffs have, in fact, suffered said injuries as specified in Paragraph 14 of Count II of this Complaint.

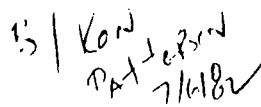
13. THAT the actions of the Defendant, UNION OIL, were accomplished by oppression and circumstances of aggravation as alleged in Paragraphs 11 and 12, above, so as to require the assessment of punitive damages against the Defendant, UNION OIL, in favor of Plaintiffs, DANIEL RYKACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and RONALD J. PATTERSON.

WHEREFORE, Plaintiffs, DANIEL RYKACZEWSKI, WILLIAM T. BUSCH, ROBERT E. RAMSDORF and RONALD J. PATTERSON, respectfully ask that this Honorable Court enter a judgment in favor of the said Plaintiffs and against Defendant, UNION OIL COMPANY OF CALIFORNIA, in the amount of ONE MILLION DOLLARS (\$1,000,000.00) as and for punitive damages.

Plaintiffs, DANIEL RYKACZEWSKI,
WILLIAM T. BUSCH, ROBERT E.
RAMSDORF and RONALD J. PATTERSON,

By: JOSEPH T. CESARIO
One of Their Attorneys

JOSEPH T. CESARIO
ANGELOTTI and CESARIO
Attorneys for Plaintiffs
907 North Elm Street
Einsdale, Illinois 60521
920-8800



Telex 723421 UAR JOI

P.O. Number
Date Received June 7, 1982
Date Completed June 17, 1982

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
72830E	Well Water from Big Run Acres			6/7

ANALYSES

Union Carbide Co.

	72830E				
BOD, 5-day					
Cadmium					
COD					
Chlorides					
Chlorine, Total Residual					
Chromium, Hex					
Chromium, Tri					
Chromium, Total					
Copper					
Cyanide, Total					
Iron, Total					
Lead					
Nitrogen, Total as N					
Nitrogen, Ammonia as N					
Nitrogen, Organic as N					
Oil & Grease	0.45				
pH					
Phenols					
Phosphate, Total (as PO_4)					
Phosphorus (as P)					
Solids, Total					
Solids, Dissolved					
Solids, Total Suspended					
Solids, Volatile Suspended					
Sulfate (as SO_4)					
Zinc					

COMM. DIV.
JUL 1 1982

RECEIVED

JUL 14 1982

S - SEE COLLECTION DATA

Type of Sampling				L STATE OF ILLINOIS
Sampling pH				
Sampling Temperature				

Results in mg/l unless otherwise indicated

* See attachment for comments

5 gals. of water used for analyses

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

A. G. Roketa
A. G. Roketa, Manager
Environmental Division

ENFORCEMENT PROGRAM

Approved by

Terese M. Laciak
Laboratory Manager

Date June 17, 1982

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Water and Waste Water
ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office

P. O. Box 686 Caton Farm Road Joliet Illinois

(312) 454-0245

Telex 723421 UAR JOL

P.O. Number
Date Received June 7, 1982
Date Completed June 17, 1982

ANALYSES

RECEIVED

SAMPLE COLLECTION DATA

JUL 14 1982

~~STATE OF IL~~

5 gals. of water used for analyses

* See attachment for comments

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

A. G. Roketa, Manager
Environmental Division

Teresę M. Laciak
Laboratory Manager

Date June 17, 1982

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Water and Waste Water
ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office

Telex 723421 UAR JOL

P.O. Number
Date Received June 1, 1982.....
Date Completed June 9, 1982.....

ANALYSES

SAMPLE COLLECTION DATA

* See attachment for comments

A. G. Roketa, Manager
Environmental Division

Teresa M. Laciak
Laboratory Manager

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Water and Waste Water
ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office

Laboratories, Inc.

P.O. Box 686 Caton Farm Road Joliet, Illinois 60434 Telephone (815) 727-5436 Telex 723421 UAR JOL

December 1, 1980

Mr. Ron Patterson
Equestrian Estates Develop. Co.
115th Street & Bell Road
Lemont, Illinois 60439

RE: ARRO #56757E - Sludge
Dated 8/8/80

Dear Mr. Patterson:

Sample #56757E was extremely complicated with dozens of components observed. There were fifteen (15) major peaks observed which were,
Trimethylbenzene or Methyl ethylbenzene
Methlynaphthalene (2 isomers)
Phenyl cyclohexadiene
Phenylphenol
Diphenylacetylene
Naphthalene

Also, selected ion scans for polynuclear aromatics (152,154,178 amu) gave many peak responses as did scans for phthlates (149 amu), and even benzyls (91 amu).

In general, the sample was complicated and probably should go through clean-up procedures prior to optimizing chromatographic and mass spectral conditions.

If you have any questions regarding this sample, please feel free to contact ARRO Laboratories.

Sincerely,

ARRO LABORATORIES, INC.

Alice G. Roketa

ALICE G. ROKETA, Manager
Environmental Division

Approved by *Terese M. Laciak*

TERESE M. LACIAK
Laboratory Manager

AGR:nm

RECEIVED

JUL 14 1982

D.L.P.C.
STATE OF ILLINOIS



Attention of	Mr. Ron Patterson	P.O. Number	
Company	EQUESTRIAN ESTATES DEVELOP. CO.	Date Received	August 15, 1980
Address	115th Street & Bell Road	Date Completed	August 29, 1980
City/State/Zip	Lemont, Illinois 60439		

WASTE WATER ANALYSIS

DECLASSIFIED

III 14 1982

SAMPLE COLLECTION DATA				USE FOR NAME	
Type of Sampling				1	2
Sampling pH				STATE OF	ILLINOIS
Sampling Temperature					

- * Strong hydrocarbon odor
- ** Strong odor of amines

Analysis certified by A. G. Roketa
A. G. Roketa, Manager
Environmental Division

August 29, 1980

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Water and Waste Water
ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office

Laboratories, Inc.

P.O. Box 686 Caton Farm Road Joliet, Illinois 60434 Telephone (815) 727-5436 Telex 723421 UAR JOL

August 22, 1980

Mr. Ron Patterson
Equestrian Estates Develop. Co.
15th Street & Bell Road
Joliet, Illinois 60439

ILLINOIS EPA PROCEDURE

SAMPLE DESCRIPTION
ARRO #56757E - Sludge Sample

DATE
8/8/80

	As Received	Dry Wt. Basis	Leachate	ugs leached per gm of dry wt. solids
Flash Point (Closed Cup)	43°C			
Alpha Radiation	Backorder			
Percent Alkalinity	6.10%			
Total Solids	34.2%			
Moisture Content	24.9			
Volatile Total Solids	9.27%			
Sulfide Total	5.398 (3.74 after removal of sulfide)			
Oil	11.4			
Grease	1.35%			
Silver	<4.		0.1	2.9
Mercuric *	Backorder	Backorder	Backorder	Backorder
Mercury	79	231.	5.5	160.8
Ammonium	<4		<0.05	
Bromine	0.12%	0.35%	28	818.7
Copper	36	105.	0.1	2.9
Mercury, ppB	17.89	52.	0.33	9.6
Nickel	43	125.7	0.62	18.1
Lead	2.7	7.89	<0.2	
Selenium	0.021	0.06	0.005	0.15
Cadmium	831	2429.8	0.19	5.5
Benzene	Backorder			
Hydrocarbon Compounds	Backorder			

Interferences Oil settles on top of sludge.

Rec'd - By Wt. ug/gm mg/l ÷ Decimal Equ. of Total Solids = Dry Wt. Basis
Leachate - 1:10 Dil. mg/l mg/l ÷ Decimal Equ. of Total Solids x 10 = ugs Leached per gram of Dry Wt. Solids

Analysis certified by

Alice G. Roketa
ALICE G. ROKETA, Manager
Environmental Division

Approved by

TERESE M. LACIAK
TERESE M. LACIAK
Laboratory Manager

Testing is in accordance with procedures outlined in the newest Federal Register.

2:nm

RECEIVED

JUL 14 1982

E.P.A. - U.S.
STATE OF ILLINOIS

* COMPANY: Equestrian Estates Develop. Co.

* SAMPLER: Alice Roketa, Helen Armstrong, Ron Patterson

* DATE & TIME OF SAMPLING OR PICKUP: 8/8/80 12:05pm

SAMPLING PROCEDURE: Grab

* SAMPLING SITE: 131st St. & Smith Road

* NUMBER OF SAMPLES COLLECTED: 2 (1 was given to client)

CALIBRATION OF SAMPLER: _____

FREQUENCY BETWEEN SAMPLES: 5 minutes

PRESERVATION OF SAMPLES: refrigeration

* HOW TRANSPORTED: car

* IDENTIFICATION OF SAMPLES: _____

1. <u>Sludge Sample</u>	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____
5. _____	10. _____

* STORAGE IN TRANSPORT: Cooler

CONDITION OF SAMPLING LOCATION: Sludge Field

WEATHER CONDITION: Clear, warm

* SAMPLES RELEASED TO AT LAB:	Initials	Time & Date
1. Logging:	<u>NM</u>	<u>4pm 8/8</u>
2. Supervisor:	<u>ASK</u>	<u>8-21-80</u>
3. Analyst:	_____	_____

* STORAGE IN LAB:

1. Location _____

2. Temperature _____

* LAB STORAGE TIME BEFORE DISPOSAL: _____

* DISPOSAL:

1. Date: _____

2. Time: _____

3. Initials: _____

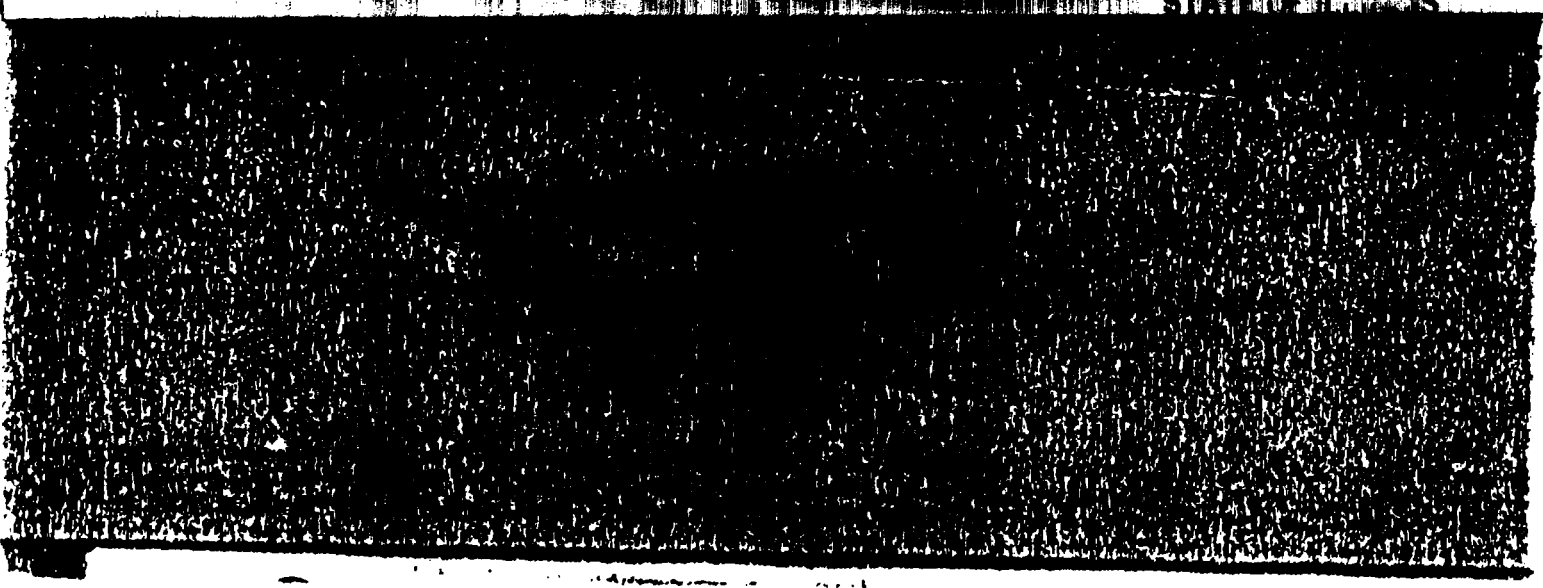
* HOW DISPOSED OF: _____

NOTE: * For Pickup of Samples Only - no sampling involved

RECEIVED

JUL 14 1982

STANDARD & S



76757 - *Sludge*

8-8-80

	As Received	Dry Wt. Basis	Leachate	ugs leached per gm of dry wt solids
Flash Point (Closed Cup)	43 °C			
Alpha Radiation	<			
Percent Acidity				
Percent Alkalinity	6.10 %			
Total Solids	34.2 %			
Ash Content	x			
Volatile Total Solids	x			
Cyanide	5.34 %			
pH <i>11.35</i>	11.35 %			
Silver	x	x	x	
Arsenic	x	x	x	
Barium	x	x	x	
Cadmium	x	x	x	
Chrome	x	x	x	28
Copper	x	x	x	
Mercury, ppB	x	x	x	
Nickel	x	x	x	
Lead	x	x	x	
Selenium	x	x	x	
Zinc	x	x	x	0.14

As Rec'd - By Wt. ug/gm
Leachate - 1:10 Dil. mg/l

mg/l ÷ Decimal Equ. of Total Solids = Dry Wt. Basis
mg/l ÷ Decimal Equ. of Total Solids x 10 = ugs Leach per gram of Dry Wt. Solids

Plus Benzene and carbon compounds

Analysis certified by ALICE G. ROKETA, Manager
Environmental Division

Approved by TERESE M. LACIAK
Laboratory Manager

Oil settles on top of sludge

Testing is in accordance with procedures outlined in the newest Federal Register.

RECEIVED
JUL 14 1980

RECEIVED

JUL 14 1982

E.P.A. - U.S.
STATE OF ILLINOIS



Attention of Dr. Ron Patterson
Company HOUSTEIAN ESTATES DEVELOP. CO.
Address 115th Street & Bell Road
Lemont, Illinois 60439
City/State/Zip

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
59264E	Water From Union Pipe	Outlet		8/31
59265E	Sample From W. Ditch			10/17
59266E	Outlet			9/7
59267E	Sample From Field			9/20

[illegible]

Type of Sampling					
Sampling pH					STATE OF ILLINOIS
Sampling Temperature					

See attachment for comments

A. G. Roketa
A. G. Roketa, Manager
Environmental Division

Approved by Terese M. Laciak Date January 29, 1981
Laboratory Manager

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Water and Waste Water
ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office

Laboratories, Inc.

P. O. Box 686 Caton Farm Road Joliet Illinois

Telephone (815) 727-5436

(312) 454 0245

Telex 723421 UAR JOL

Attention of Mr. Ron Patterson
 Company EQUESTRIAN ESTATES DEVELOPMENT COMPANY
 Address 115th Street & Bell Road
 City/State/Zip Lemont, Illinois 60439

P.O. Number _____
 Date Received March 17, 1982
 Date Completed April 14, 1982

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
70730E	131st & Smith Road, Lemont Existing Farm House Well			3/17

WELL WATER ANALYSES

	70730E			
BOD, 5-day				
Barium	<0.05		*	
BOD				
Chlorides	38			
Chlorine, Total Residual				
Cromium, Hex	<0.01			
Cromium, Tri				
Cromium, Total	<0.05			
Copper				
Cyanide, Total	<0.005			
Iron, Total	<0.05			
Lead	<0.05			
Nitrogen, Total as N				
Nitrogen, Ammonia as N				
Nitrogen, Organic as N				
Oil & Grease				
	7.9			
Phenols				
Phosphate, Total (as PO ₄)				
Phosphorus (as P)	0.1			
Solids, Total				
Solids, Dissolved				
Solids, Total Suspended				
Solids, Volatile Suspended				
Sulfate (as SO ₄)	118			
Zinc	0.33		5	
Nickel	<0.05			
Mercury, ppB	1.45		7	*
Barium	<0.5			
				PERMITTED
				JUL 14 1982

SAMPLE COLLECTION DATA

Type of Sampling	Grab				
Sampling pH					STATE OF ILLINOIS
Sampling Temperature					

Results in ppb unless otherwise indicated
 See attachment for comments

Sampled - 9:00am 3/17/82
 Received - 10:00am 3/17/82

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

A. G. Roketa, Manager
 Environmental Division

Approved by Terese M. Laciak
 Laboratory Manager

Date April 14, 1982

Testing is in accordance with procedures outlined in the newest editions of:
 Standard Methods for the Examination of Water and Waste Water
 ASTM Standards, Part 31, "Water, Atmospheric Analysis"
 Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office



Attention of	Mr. Ron Patterson	P.O. Number	
Company	EQUESTRIAN ESTATES DEVELOP. CO.	Date Received	October 30, 1980
Address	115th Street & Bell Road	Date Completed	November 13, 1980
City/State/Zip	Lemont, Illinois 60439		

ARRO NO.	SAMPLE DESCRIPTION	ARRO PICK-UP	ARRO SAMPLING	DATE
58871E	Existing Farm House Well			10/28

[illegible]

REC- 110
JUL 14 1982

SAMPLE COLLECTION DATA				
Date of Sampling				STATE OF ILLINOIS
Sampling pH				
Sampling Temperature				

I certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief such information is true, complete, and accurate.

A. G. Roketa, Manager
Environmental Division

Approved by T. M. Laciak Date November 18, 1980
Terese M. Laciak
Laboratory Manager

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Water and Waste Water
ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office



Mr. Ron Patterson

P.O. Number

Date Completed November 13, 1980

.....

Testing is in accordance with procedures outlined in the newest editions of:
Standard Methods for the Examination of Water and Waste Water
ASTM Standards, Part 31, "Water, Atmospheric Analysis"
Methods for Chemical Analysis of Water Wastes, EPA Water Quality Office